

Poetry.

In Him We Live. I know that art not far, My God, from me; you star Speaks of thy nearness, and its rays Fall on me like thy touch: O, raise These eyes of mine To see thy face, even thine, My Father and my God!

Literary Notices.

PATRIARCHAL SHADOWS OF CHRIST AND HIS CHURCH: as Exhibited in Passages Drawn from the History of Joseph and his Brethren. By Catherine Winslow, D.D. 16mo. New York: Robert Carter & Bros. For sale by R. S. Davis, Wood Street, Pittsburg.

For the Young.

The First Commandment with Promise. "Don't go on the river to-night, Henry," said Uncle Bright to her son, a few weeks ago. "Why not, Uncle?" "Because it is unsafe. The weather has been mild for several days; and I have myself heard the ice crack two or three times, although it is half a mile away."

and every time you grieve her you forfeit one more claim to God's glorious promise. Harry did not feel just right, when he got out of doors. The evening was quite dark; but the sky was thickly studded with stars, and the air was soft and balmy. It was indeed just such an evening as would ordinarily have set Harry's brain all aglow with bright dreams. But on this evening it was altogether otherwise. He stole up to the window and peeped in; then sat down on the edge of the door-step, leaning his head on his hands, just as his mother was doing inside, and began to cry. He was listening to his good angel then; and had nothing untoward happened, he would probably have gone in, asked his mother's forgiveness, and passed a happy evening with her. But just as Harry was making up his mind to do so, there came a shrill whistle at the garden gate. It was Dick Colton, calling him to the skating pond. Harry gave no answer; but drew his sleeve quickly two or three times across his eyes. Dick whistled once more; and then came to the corner of the house and peeped round the door. "Halloo, there," he shouted, "are you asleep or dead? Come, there are half a dozen more boys going on to the river, and we shall have capital fun."

"I can't," said Harry, faintly. "Can't," repeated Dick, coming up to him; "what do you mean? Been crying? You'll be a sinner with me, ha, ha, that's good. My mother said you shouldn't go, and I said I will. Come booby, out your mother's apron strings run."

It is too bad though, Harry, that such a good-natured fellow and capital skater as you are, can't have a little fun, now and then, as an evening."

"No, Harry," said the rest of the boys, "it is too bad though, Harry, that such a good-natured fellow and capital skater as you are, can't have a little fun, now and then, as an evening."

Agricultural.

The meeting at the office of the Agricultural Society, on Thursday, the 8th ult., was numerously attended by the fruit-growers about New York. Mr. Trowbridge, of New Haven, and John Harold, Esq., Secretary of the Queens County Agricultural Society, were present, and took part in the discussion. Mr. Armstrong, Treasurer of the Westchester County Agricultural Society, was also present; likewise several spirited horticulturists from New Jersey. Several specimens of Winter pears were tested, and their merits discussed by those present. The fruit of Winkfield, Glout Moreau, and Eastern Beauty, were the most highly distributed. With care, the former may be rendered a tolerable pear for the table, had we no other at this season; but with the Glout Moreau, Lawrence, and Winter Nells, which may be had at the same season, we would never part with the latter to any other use. By the politeness of Rev. Dr. Beatty, of Steubenville, O., we were enabled to present a fine specimen of an apple variety common in Eastern Ohio, called the "Gate Apple," identical with what is called by Downing, Bellenont or Waxen. It was pronounced of very fine quality, and well worthy of cultivation. In size and appearance, it resembles the Belle Fleur, but less elongated. A fine seedling was presented for name by Mr. Hicks, of Long Island. Another was offered by Dr. Tremble, of Newark, in the market of that city. It is a fruit of high character, large, firm, of a fine red and tender skin, rich yellow flesh, a pleasant acid, crisp and tender. If other characteristics of the fruit, as habits of growth, productiveness, &c., are equal to its looks and taste, it is one of our very best apples, when raised in this section of the country. The regular subject of discussion was, however, the grape. A Committee, of which Mr. Fuller, of Brooklyn, was chairman, had been appointed at a previous meeting to report on the best varieties of hardy grapes for general cultivation. The Committee were called to bring in a separate report in accordance with their individual views. Only two reported. Mr. Fuller placed the following six varieties in the following order: Delaware, Concord, Hartford Prolific, Cayahoga, Green, and Tona. The latter three, he said, were but partially known, and therefore, for general cultivation, he recommended the Delaware, and the Concord. Mr. W. Williams, of West Bloomfield, N. Y., another member of the Committee,

recommended the Clinton, Delaware, Concord, Diana, Isabella, and Catawba, the first as one that would grow without the most cultivation as was requisite for most varieties. The Delaware was confessedly the best of all. The Concord was placed next without much dissent. But on the Hartford Prolific, difference of opinion existed; some placing it as high as the Isabella, well ripened. It is confessed on all hands that without careful cultivation it would be worthless by every kind of fruit, but with rigid cutting back to a single bud or two on the past year's growth, the fruit will be abundant, and hold on to the vine till satisfactorily matured with fair quality, and earlier than any other variety in cultivation. When house grapes are not cultivated, we should regard the Hartford as worthy of a limited space for early maturity.

Two Questions Settled. 1st. How to get a small crop? Plow and plant at the latest day it can possibly answer; do it in the cheapest possible way; expend neither money nor labor for fertilizers; cultivate in a cheap and hurried way; never forgetting that, with a given amount of produce, the cheaper the cultivation the greater the profit. What can be more evident than that if you get twenty bushels by an outlay of five dollars, the profit is greater than if you get ten dollars' worth of produce by an outlay of ten dollars? Cling to this self-evident truth. Carry it into the plowing, planting, weeding, cultivating, hoeing, and harvesting. The less you expend the greater per cent. of what you harvest will be your profit. While your neighbor may have fifty dollars to deduct from the value of his crop for cost, he will be sure to keep your cost down to five dollars an acre, if possible, and you will be pretty sure to sell your crop at a profit.

Feeding Turkeys in Winter. Where corn is cheap, and the bins are full, nothing better is needed. But unfortunately many who like roast turkey, have their bins nearly empty, where corn is nearly a dollar a bushel. These birds will eat a longer corn than of any other food. They will eat almost any kind of grain, but they are by no means dainty in their diet, and will eat anything coming from the kitchen that a pig will devour, if it be properly prepared. They will work up refuse material from the farm and garden, about as well as pigs. Fed potatoes, fed sawdust, and high bran, they will eat. In this position that are to be sold for market and for seed, they "be" fatted in a very short time. If the parings and stumps from the kitchen are boiled and mashed with them, it is all the better. But they need a variety of food, green as well as cooked, in order to thrive most rapidly. They are very fond of cabbage, and will feed upon the refuse plants that have not headed, until the stumps are picked bare. If these are not on hand, raw turnips chopped up fine will be readily eaten. They need also some animal food to promote growth in winter. Beef scraps, from the tailors and butchers, are as highly relished as by hens. Nothing in the way of animal food comes amiss. It is of more importance that the food should be abundant and various, than that it should be select. Am. Agriculturalist.

Miscellaneous.

The Iron Navy of Great Britain. The following is an extract from a lecture delivered at the Agricultural Society, by subject J. A. Scott Russell, Esq., before the Leeds (England) Philosophical and Literary Society: "Mr. Russell stated he was not sure that they had a fleet capable of protecting their commerce from every smart, well-handled, and fast iron ship like the Alabama. The first question was, were wooden ships of war, anything for purposes of warfare. Sir John O. Hay, the chairman of the committee appointed by Government, to make experiments on the effects of artillery upon iron armor, uttered this fatal sentence upon wooden vessels: 'The man who goes into action in a wooden ship is a fool, and the man who sends him there is a villain.' The worthlessness of wood ships came from their combustible nature, and arose mainly from the invention in modern times of horizontal shell-firings, which could be discharged with tolerable certainty at distances of two, three, four, and even five miles. They could, however, make iron ships incombustible. A plate an inch thick had been found to take the sting out of a shell altogether. A cast-iron shell eight inches in diameter, weighing 68 lbs., and fired with a charge of some 16 lbs of powder, at a distance of from 200 to 500 yards, would be carried with a velocity of 1,600 feet a second, and the question was, how to stop it? Many theories had been proposed to stop the shell by coazing that was, by pieces of India-rubber, by piles of cotton, blankets, and other molting substances, but if had best proved the nothing would do 'till we stop 'em with something harder than iron, and therefore to stop a 68 lb. shell they must take 80 lb of iron that they could give a quick shot at it with a gun."

the piece struck by it should weigh more than 68 lbs. It was then a question of strength—if there was a certain quantity of iron in the plate than in the shell, the plate would hit three or four times in the same place it would probably give way. Of all the hundreds of shots fired in action, very few would have similar fortunate circumstances.

THE Mortality and Sickness of the Army.

Mr. Elliott, Actuary of the Sanitary Commission, in a preliminary report on the mortality and sickness of the volunteers, estimates that the number of deaths in the volunteer forces of the United States during the war ("hours guards" and other grades not in active service being excluded) has been at the annual rate of fifty-three per thousand men, of which about forty-four were from diseases and accidents, and nearly nine from wounds received in action. Assuming the same rate of mortality for those discharged and deserted, and the annual rate of deaths is about sixty-five per thousand. The rate of mortality for the autumn months is twice nearly that for the summer months, and the winter nearly double that of autumn. The mortality in the armies of the West is three times as great as that in the volunteers of the Eastern and Middle States. The deaths from wounds are five times as great in the Western army. To supply losses among the recruited men in our Eastern armies requires enlistment at the rate of nineteen per 1,000 per month, or 226 per 1,000 per annum. To supply such losses in our Western armies requires enlistment at the rate of nearly two per 1,000 per month, or 234 per 1,000 per annum. The number of discharges from the Eastern army is double that from the Western army. To secure in the field a constant force of 500,000 effective men, recruits are required of 123,000 men per annum, at long as the war lasts, besides maintaining 68,000 men in the ranks. Of these 123,000 annual recruits, 83,000 are to supply losses by death and discharges from service (exclusive of discharges for expiration of term of enlistment); 34,000 for desertion and missing in action; and 6,000 to supply other losses specified and unspecified.

Calendar for 1863. Table showing months, days, and leap year status.

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